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	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
	09/636,571	08/10/2000	Kazuhiko Nakamura	D01-4120/TK	6450	
	26689	7590 03/10/2004		EXAM	EXAMINER	
	WILDMAN, HARROLD, ALLEN & DIXON 225 WEST WACKER DRIVE			SHORT, PATRICIA A		
	CHICAGO, IL 60606			ART UNIT	PAPER NUMBER	
				1712		

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
Office Action Summer	09/636,571	NAKAMURA ET AL.					
Office Action Summary	Examiner	Art Unit					
·	Patricia A. Short	1712					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this cornmunication.  - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period where the period for reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	16(a). In no event, however, may a reply be tin within the statutory minimum of thirty (30) day ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 19 No.	Responsive to communication(s) filed on 19 November 2003.						
2a)⊠ This action is <b>FINAL</b> . 2b)□ This	This action is <b>FINAL</b> . 2b) This action is non-final.						
3) Since this application is in condition for allowan	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.							
Disposition of Claims	,						
4)⊠ Claim(s) <u>55-94</u> is/are pending in the application	I.	•					
4a) Of the above claim(s) is/are withdraw	n from consideration.						
5) Claim(s) is/are allowed.		•					
6)⊠ Claim(s) <u>55-65 and 79-94</u> is/are rejected.	• •						
7) Claim(s) <u>66-78</u> is/are objected to.							
8) Claim(s) are subject to restriction and/or	8) Claim(s) are subject to restriction and/or election requirement.						
Application Papers		·					
9) The specification is objected to by the Examiner	•						
0) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.							
	2. Certified copies of the priority documents have been received in Application No						
	3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.							
	or the certified copies not receive	u.					
Attachment(s)							
Notice of References Cited (PTO-892)	4) Interview Summary						
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	Paper No(s)/Mail Da 5) Notice of Informal Pa	te atent Application (PTO-152)					
Paper No(s)/Mail Date	6) Other:	асонс гъррновион (г тО-102)					

Application/Control Number: 09/636,571

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The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 55-65, 79-85 and 86-94 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Shreve (4717643). The rejection is applied as in the previous Office Action. With respect to claims 55-65 and 79-85, the reference teaches mixing the alcohol (HPMA) with the acrylate copolymer under conditions in which it would inherently react with the acid anhydride produced as a side reaction when the isocyanate compound reacts with the acid groups of the acrylate copolymer. See the instant specification at page 45, line 10 through page 43, line 11. As Shreve removes the residual isocyanate, after addition of the alcohol, it is not seen how the claimed product differs from the product disclosed by the reference. With respect to claims 86-94, the acrylate copolymer is dissolved in methyl ethyl ketone (MEK) and HPMA is added and left to cool before removing the residual isocyanate. See examples. The difference in the boiling point of the coating solvent MEK and the alcohol HPMA is less than 75° C. As claims 86-90 no longer require reacting the polymer with isocyanate until the isocyanate is vanished from the system of reaction, these claims are now included in the rejection.

Claims 66-78 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, THIS ACTION IS MADE FINAL. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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March 4, 2004
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PATRICIA A. SHORT PRIMARY EXAMINER

Africa a SLA

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